

WildWatch EM3 Bat Project



Quick Start Guide

The bat detector is set up ready for you to walk your transect. All you need to do is switch on and press record (see below). Please leave all the other settings as you find them, otherwise it may not function correctly and may not work for the next volunteer.

The bat detector kit

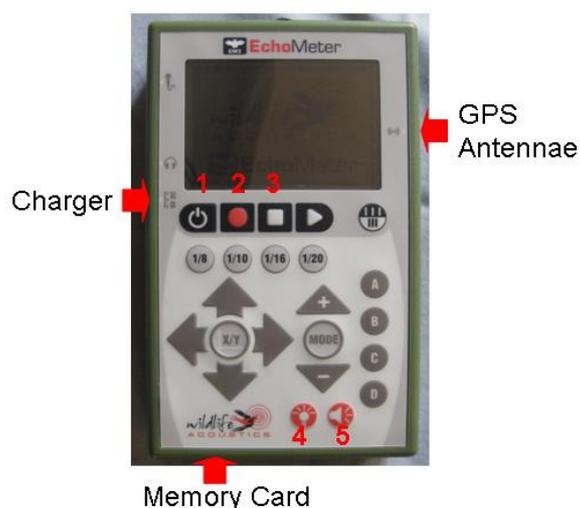
Inside the box you should find:

- 1: EM3 Bat Detector
- 2: Charger
- 3: GPS Antennae
- 4: Spare memory card
- 5: Survey sheet and SAE envelopes



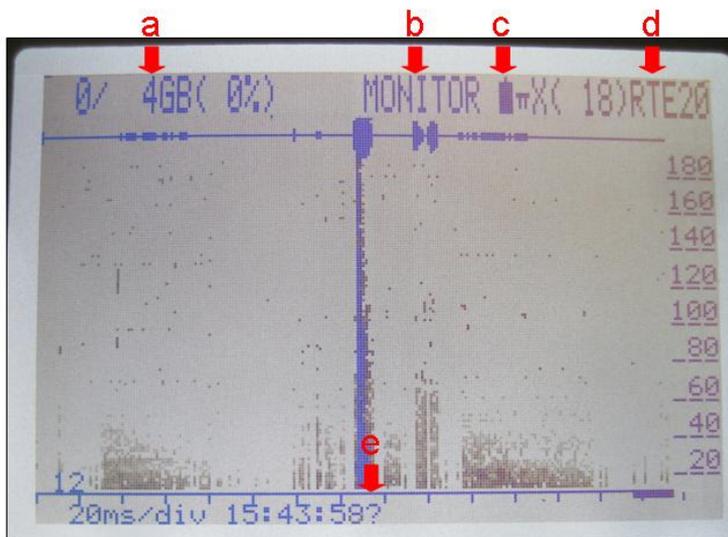
Operating the EM3

Before switching on ensure there is a **memory card inserted** and the **GPS antennae** is plugged in. The GPS antennae attaches to the rear of the EM3 by Velcro.



1. Turn on the detector by pressing and holding the power button (1) for one second

The detector will switch on and you should see the following screen.



The detector has been set up with the appropriate settings but please check the following to ensure that it will operate correctly.

- a) This shows that there is a memory card correctly inserted and what percentage of storage space has been used. You should have received the bat detector with a blank memory card. Display will show **0/ 4GB (0%)** or sometimes **0/ 8GB (0%)**. As you record bat calls you should observe the % increasing as the calls are saved.
- b) This tells you what the bat detector is doing. When you switch on it will display **MONITOR**
- c) This is the battery level, it should be fully charged when you receive the detector. If not see below for charging instructions.
- d) This should display **RTE** – please consult the trouble shooting guide if it does not.
- e) When first switched on a **?** will appear here. This means the GPS antennae is plugged in and acquiring a signal. It may take up to 5 minutes (and needs to be outside) then the display should show your position e.g **\$ 54.74822N 2.00088W**

If any of the above do not appear as expected please refer to the trouble shooting guide.

2. Press the red record button (2) where **MONITOR** was previously displayed you should now see **RECORD**.

You are now ready to walk your transect.

During your transect to change the display brightness press the button showing a lightbulb (4) then use the **+** and **-** above and below **MODE** to alter this.

To change the volume press the button showing a loudspeaker (5) then use the **+** and **-** above and below **MODE** to alter this.

3. On completion of your transect **press the stop button** (3). Where RECORD was previously displayed you should see STOPPED. Now press the power button (1) to turn the bat detector off.

Charging the EM3

The charger plugs into the left hand side of the EM3. Charging takes a couple of hours. When the EM3 is charging there is a red light beneath where the charger plugs in, when the EM3 is fully charged this changes to green. Please charge the EM3 prior to returning so it is fully charged ready for the next user. In use the batteries last for several hours, usually sufficient for two nights surveying.

Returning the bat detector

Please remove the memory card from the detector and place it with a completed survey sheet in the stamped addressed envelope. Check that you have charged the detector for the next user place the spare memory card in the detector and return all items to the lending centre.

Problems

In the event of any problems with the detector or if you need additional guidance please let Damian Bubb know on bats@paragonecology.co.uk or 07530551341.